


[Top Page](#)
[Query](#)
[Results](#)
[Projects](#)
[Views](#)
[Databanks](#)
[HELP](#)
[Text Entry](#) | [EmblEntry](#)
[Reset](#)

ID AF178459 standard; RNA; INV; 1310 BP.
 XX
 AC AF178459;
 XX
 SV AF178459.1
 XX
 DT 05-SEP-2000 (Rel. 65, Created)
 DT 05-SEP-2000 (Rel. 65, Last updated, Version 1)
 XX
 DE Cryptosporidium parvum unknown mRNA sequence.
 XX
 KW
 XX
 OS Cryptosporidium parvum
 OC Eukaryota; Alveolata; Apicomplexa; Coccidia; Eimeriida; Cryptosporidiidae;
 OC Cryptosporidium.
 XX
 RN [1] [Simonsen J.N., Kramer M., Lowden C., Wilkins J.;](#)
 RP 1-1310
 RA [Simonsen J.N., Kramer M., Lowden C., Wilkins J.;](#)
 RT "Neutralising antigen 2 recognized by human immune sera";
 RL Unpublished.
 XX
 RN [2]
 RP 1-1310
 RA [Simonsen J.N., Kramer M., Lowden C., Wilkins J.;](#)
 RT ;
 RL Submitted (16-AUG-1999) to the EMBL/GenBank/DDBJ databases.
 RL Medical Microbiology, University of Manitoba, 730 William Ave, Winnipeg, MB
 RL R3E 0W3, Canada
 XX
 CC NCBI staff are still waiting for submitters to provide appropriate
 CC feature information.
 XX
 FH Key Location/Qualifiers
 FH
 FT source 1..1310
 FT /db_xref="taxon:5807"
 FT /organism="Cryptosporidium parvum"
 XX
 SQ Sequence 1310 BP; 470 A; 253 C; 206 G; 381 T; 0 other;
 gcacgagatt tttttttttc ttttacctat ttcaattagt ttctttgatt caaacgatgc 60
 aaagtcatta ttgttttaa atccagatgg atccggaatt ttgaaaaaca tttctactaa 120
 attcgaaatt aaatttgagc ttggcttgat aaatggtagt tggctcggag gtgatatttt 180
 tatecttgat aggaacacac ctcttgaagc tgtaagttat tcaatcgctt gtgttttcta 240
 tacaaaaaca tgttttgaaa agaataaagc acattgtctt aaaccttta atcgcgctga 300
 gaataaaatg acttttggtt ctgagaaaga cttagcgaca actctccaat cttctaattc 360
 tgaatattat cttttcctta catggaataa ctggcgctga gaataaaatg acttttggtt 420
 ctgagaaaga cttagcgaca actctccaat cttctaattc tgaatattat cttttcctta 480
 catggaataa ctgatcgatg gattttcttc ttctttaatt aaacatgcgc ctataaaaga 540

aaatggccac	ttgaataatc	aagaatcaaa	atattcaaaa	tgaaataatg	aagccactaa	600
actcaacaaa	tccagaatca	ggtgggaata	acttaactca	gaacccaaaac	acaaagcctc	660
atccagttgt	tagaccgcat	cctacagaaa	agccctcaaa	tggtgaacat	caagaatctg	720
gttcagagca	agcccctatt	acctcaccag	aaaacgaatc	aagttcaaat	catccttctg	780
tgacagttcc	agatactgga	tcagttcaaa	tctccttctg	ttactattcc	agagactgga	840
tcagactcag	atcacgcgcc	ttgtgacaat	tccagagact	ggatcagttc	aaatcatctt	900
ctgctactat	accagaaaca	ggatccagct	cagatcacac	tctgctactt	ctccagaaga	960
aggattggac	tcagaacggt	accaatcact	tctacagaac	aaactcaaag	ccagctacat	1020
atcctaacca	agaaaatgaa	aatcataata	atcaggaagg	taattcgagt	tttaatacac	1080
taaatcttcc	aaatcaaccc	aatctttcac	gcaagctggc	agatgtggaa	agttatgggg	1140
aaaaggataa	aatggttgat	ggtgagcaag	taatcactaa	aaatgacatt	attgaagata	1200
cttcgaaaga	aattagaaac	aaaatgtaaa	gtatctgcat	tgataaatat	ggccttagcc	1260
atttccaaat	atctaaattg	tcaactcaag	taaaaaaaaa	aaaaaaaaaa		1310

//

SRS 7.0.2 | [feedback](#)


[Top Page](#)
[Query](#)
[Results](#)
[Projects](#)
[Views](#)
[Databanks](#)
[HELP](#)
[Text Entry](#) | [EmblEntry](#)
[Reset](#)

ID AF178460 standard; RNA; INV; 1368 BP.
 XX
 AC AF178460;
 XX
 SV AF178460.1
 XX
 DT 05-SEP-2000 (Rel. 65, Created)
 DT 05-SEP-2000 (Rel. 65, Last updated, Version 1)
 XX
 DE Cryptosporidium parvum unknown mRNA sequence.
 XX
 KW
 XX
 OS Cryptosporidium parvum
 OC Eukaryota; Alveolata; Apicomplexa; Coccidia; Eimeriida; Cryptosporidiidae;
 OC Cryptosporidium.
 XX
 RN [1]
 RP 1-1368
 RA Simonsen J.N., Kramer M., Lowden C., Wilkins J.;
 RT "Neutralising antigen 1 recognized by human immune sera";
 RL Unpublished.
 XX
 RN [2]
 RP 1-1368
 RA Simonsen J.N., Kramer M., Lowden C., Wilkins J.;
 RT ;
 RL Submitted (16-AUG-1999) to the EMBL/GenBank/DDBJ databases.
 RL Medical Microbiology, University of Manitoba, 730 William Ave, Winnipeg, MB
 RL R3E 0W3, Canada
 XX
 CC NCBI staff are still waiting for submitters to provide appropriate
 CC feature information.
 XX
 FH Key Location/Qualifiers
 FH
 FT source 1..1368
 FT /db_xref="taxon:5807"
 FT /organism="Cryptosporidium parvum"
 XX
 SQ Sequence 1368 BP; 537 A; 206 C; 215 G; 410 T; 0 other;
 ggcacgagaa ttaccatctg atagatcaaa tttactttaca tctattttta ctacattaaa 60
 tatggaggaa aaacagtcaa tgagcaatcc acaatcgaaa aatacgaata caagcaatac 120
 caaccacaaa gattctggtt taaatgataa aatatttgaa atgattacag atgaattcaa 180
 aaaattgacc tttagcttgt ccaaagaatt aaatgattcg gtttcttcag caattagcaa 240
 gtatttagaa ccgatcgaac gtgatataca tctattaagt cgcatttgtc aggaatcgag 300
 aagtctgttg ataattatgt taatatcaat gaaatttcta aaattgaaac aaatgttaag 360
 gaacttctta caagtacaaa tgagaaatta acaagcatcg acacttgtat ttcgaggcgt 420
 gttggcgaat ctagaagcgt tcgtgaaaaa gtgactaaat taaataaaca atgcgataac 480
 attaaactga atccaataga caactttact caagtagtag cagattcatt tgggacatta 540

actaatgcag	ttactcaatt	gcaaacaact	gttaatcggt	tggaattaca	gatcagtaat	600
ggaataccac	taaaaacgtc	ttacaccaga	taactcaatt	acaataagag	cgccccaaaa	660
catagctttg	caaattgatg	atgccttaaa	ccaaaacatt	acgatcggca	tttcggatag	720
caattctgga	tcaatctaac	tctatctcaa	tcagataaga	gagaaatcca	agcggagaat	780
gttttgTTTT	gaaccttgca	tataagtttg	acccatgtgt	ttggttggt	gatccagctt	840
cctattagcc	atccagtaat	attaggaatt	tcaaaaattt	tgagcgatac	tcttcctcat	900
ttaattgaat	ctttaagac	cagctgtaat	ttttctcaaa	ttagctgcat	ttcagattta	960
aaattgagaa	tattatggat	aaaagaaacc	attcactggt	ttgaaccatt	tactgatact	1020
cttacaccta	gtgagtaatg	caaatactaa	atgaaatttc	agaagtatga	acaaatgcat	1080
tagcattata	aattcgggta	gcgatgcaag	taaaagcatg	aactatattg	tacctgcatg	1140
cttcacggat	gggtcgatca	tcagtgatat	tactagcata	ttaaggcata	ttagaaggac	1200
aactagaaat	attacatctg	gaatgaaata	aattaataag	gggtagaatt	agatattttt	1260
catgtaaata	aattagcggt	attgaggatt	attcgaaata	aataatagag	atattaagtt	1320
tagtttttat	ttaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaa		1368

//

SRS 7.0.2 | [feedback](#)


[Top Page](#)
[Query](#)
[Results](#)
[Projects](#)
[Views](#)
[Databanks](#)
[HELP](#)
[Text Entry](#) | [EmblEntry](#)
[Reset](#)

ID AQ411949 standard; DNA; GSS; 837 BP.
 XX
 AC AQ411949;
 XX
 SV AQ411949.1
 XX
 DT 25-MAR-1999 (Rel. 59, Created)
 DT 14-MAY-2000 (Rel. 63, Last updated, Version 4)
 XX
 DE CpG0925A CpIOWAgDNA1 Cryptosporidium parvum genomic, genomic survey
 DE sequence.
 XX
 KW GSS.
 XX
 OS Cryptosporidium parvum
 OC Eukaryota; Alveolata; Apicomplexa; Coccidia; Eimeriida; Cryptosporidiidae;
 OC Cryptosporidium.
 XX
 RN [1]
 RP 1-837
 RX MEDLINE; [20183851](#).
 RX PUBMED; [10717299](#).
 RA Strong W.B., Nelson R.G.;
 RT "Preliminary profile of the Cryptosporidium parvum genome: an expressed
 RT sequence tag and genome survey sequence analysis";
 RL Mol. Biochem. Parasitol. 107(1):1-32(2000).
 XX
 CC Contact: Nelson, R. G.
 CC Depts. of Medicine & Pharmaceutical Chemistry
 CC San Francisco General Hospital-University of California, San
 CC Francisco
 CC Box 0811, San Francisco, CA 94143-0811, USA
 CC Tel: 415 206 8846
 CC Fax: 415 206 3353
 CC Email: malaria@itsa.ucsf.edu
 CC For Annotation Data see <http://medsfgh.ucsf.edu/id/CpTags/home.html>
 CC Seq primer: M13(-21) forward
 CC Class: shotgun.
 XX

Key	Location/Qualifiers
<u>source</u>	1..837
	/db_xref="taxon:5807"
	/note="Vector: pBlueScript II (SK-); Site_1: EcoRV; C. parvum (IOWA isolate) genomic DNA was hydrodynamically sheared to produce fragments having a tight size distribution between 2-4 kb by Dr. Yvonne Thorstenson of the Stanford DNA Sequencing and Technology Center (<a href="http://sequence-
www.stanford.edu/group/techdev/shear.htm">http://sequence- www.stanford.edu/group/techdev/shear.htm). The randomly

FT sheared gDNA was chromatographed on Sephacryl S-400 to
FT remove any small fragments and DNA eluting in the void
FT volume was subcloned into an EcoR V-digested, alkaline
FT phosphatase-treated pBlueScript II (SK-) vector and
FT transformed into E. coli strain XL2 Blue MRF'. Recombinant
FT clones from the first plating of the library were selected
FT for sequence analysis using T3 and T7 primers."
FT /organism="Cryptosporidium parvum"
FT /strain="IOWA"
FT /clone_lib="CpIOWAgDNA1"
FT /lab_host="E. coli XL2 Blue MRF'"

XX

SQ

Sequence 837 BP; 333 A; 128 C; 124 G; 252 T; 0 other;

gttcaaataca	tccttctgct	actataccag	aaacaggatc	cagctcagat	cacactcctg	60
ctacttctcc	agaagaagga	ttggactcag	aacgcttacc	aatcacttct	acagaacaaa	120
actcaaagcc	agctacatat	cctaaccaag	aaaatgaaaa	tcataataat	caggaaggta	180
attcgagttt	taatacacta	aatcttccaa	atcaacccaa	tctttccagc	aagctggcag	240
atgtggaaag	ttatggggaa	aaggataaaa	tggttgatgg	tgagcaagta	atcactaaaa	300
atgacattat	tgaagatact	tcgaaagaaa	ttagaaacaa	aatgtaaagt	atctgcattg	360
ataaatatgg	ccttagccat	ttccaaatat	ctaaattgtc	aactcaagta	aaattcatat	420
tgatagttta	tttaaataaa	aataattagg	atthttgtacg	catatcaagt	gattttctga	480
aatttagttg	tattgttaat	tattgtttca	aaataccttc	taataatttg	taagatgccg	540
aataaaaagga	tatttgctta	ctttgataat	cccattcgat	aacacaaaat	tgaagaagat	600
taaatgggtac	gaaaaacaca	atgacatatt	tgggaaattg	taaagtgtgc	aataaagcgg	660
gataaaacttt	aattatcaat	tatagaaaag	ttctaataca	aatgcaattt	cgagcaaatt	720
ttttaacgca	acatttggtg	caaatgaatt	tttattcaaa	caaaaattgt	gcgcttttaa	780
aaataataaa	attacttacc	atttaggtaa	taatacgttg	gaaagatgca	acttaag	837

//

SRS 7.0.2 | [feedback](#)


[Top Page](#)
[Query](#)
[Results](#)
[Projects](#)
[Views](#)
[Databanks](#)
[HELP](#)

Text Entry | EmblEntry

[Reset](#)

ID AQ988925 standard; DNA; GSS; 605 BP.
 XX
 AC AQ988925;
 XX
 SV AQ988925.1
 XX
 DT 03-FEB-2000 (Rel. 62, Created)
 DT 24-AUG-2000 (Rel. 64, Last updated, Version 3)
 XX
 DE 25A1A08NE.F1 C. parvum Lambda Zap Express Library Cryptosporidium parvum
 DE genomic clone 25A1A08NE, DNA sequence.
 XX

KW GSS.
 XX
 OS Cryptosporidium parvum
 OC Eukaryota; Alveolata; Apicomplexa; Coccidia; Eimeriida; Cryptosporidiidae;
 OC Cryptosporidium.
 XX

RN [1]
 RP 1-605
 RX MEDLINE; 20299184.
 RX PUBMED; 10838221.
 RA Widmer G., Akiyoshi D., Buckholt M.A., Feng X., Rich S.M., Deary K.M.,
 RA Bowman C.A., Xu P., Wang Y., Wang X., Buck G.A., Tzipori S.;
 RT "Animal propagation and genomic survey of a genotype 1 isolate of
 RT Cryptosporidium parvum";
 RL Mol. Biochem. Parasitol. 108(2):187-197(2000).
 XX

CC Contact: Buck GA
 CC Nucleic Acids Research Facility
 CC Virginia Commonwealth University
 CC Box 980678, 1101 East Marshall Street, Rm 5036 Sanger Hall,
 CC Richmond, VA 23298-0678, USA
 CC Tel: 804 828 2318
 CC Fax: 804 828 1397
 CC Email: buck@hsc.vcu.edu
 CC Class: plasmid ends.
 XX

FH Key Location/Qualifiers

FH
 FT source 1..605
 FT /db_xref="taxon:5807"
 FT /note="Vector: Lambda Zap Express (Stratagene); Site_1:
 FT BamHI; Sau3AI partial digestion of NEMC1 genomic DNA was
 FT ligated into lambda Zap Express BamHI arms treated with
 FT calf intestine alkaline phosphatase. Plasmids were excised
 FT as directed by the manufacturer, purified by a modified
 FT alkaline lysis protocol and sequenced using PEB BigDye
 FT terminators on an PEB Prism 377 DNA Sequencer."
 FT /organism="Cryptosporidium parvum"

```
FT      /strain="NEMC1, genotype 1 (human) "
FT      /clone="25A1A08NE"
FT      /clone_lib="C. parvum Lambda Zap Express Library"
FT      /dev_stage="Oocyst"
FT      /lab_host="gnotobiotically reared piglet"
XX
SQ      Sequence 605 BP; 201 A; 114 C; 83 G; 201 T; 6 other;
gaaatagact acgagttctt aataactcaat gtcagcccat tactaacacg ccaattccca      60
catccccagg ttgaatactc ttcaccccg g aaaaaaaatt taccgctatt tttgaataaa      120
ttttctatta cagaactgtt tcagagctgt tctaaagaag ctaggtaata caaataaata      180
aaagctaaac ttaatatctc tattatttat ttctaatagt tctcaataac gctaatttat      240
ttacatgaaa aatatctaatt tctaccctt attaattnat ttcattccag atgtaatat      300
tctagttgcc ttctaatatg ccttaatatg ctagtaatat cactgatgat cgacccatcc      360
gtgaagcatg caggacaata tagttcatgc ttttacttac atcgctaacc gaatttataa      420
tgctaatagca ttngccatgc tttctgaaat tcattaagta tttgcattac gtcctagggtg      480
tacgagtatc agnaaatggg cgaacagtga atggtncttt tatccataat attctcattt      540
aaatcggaan acngtaattg agaaaaatac cgtggggctta agatcattaa tgaggagaga      600
tcctc                                          605
//
```

SRS 7.0.2 | [feedback](#)